WATER SUPPLY OUTLOOK

KOOTENAI RIVER BASIN

MONTANA

AS OF:
MARCH 1, 1962

U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE

The water supply outlook in the Kootenai River drainage during the coming spring and summer months is for less than average streamflow.

Snow surveys made in Canada and Montana near the first of March show the water stored in the mountain snowpack is 15 percent less than the 1943-57 average and 20 percent less than last year at this time.

Streamflow during the spring and summer months is expected to be slightly below average and less than last year.

Report Prepared by

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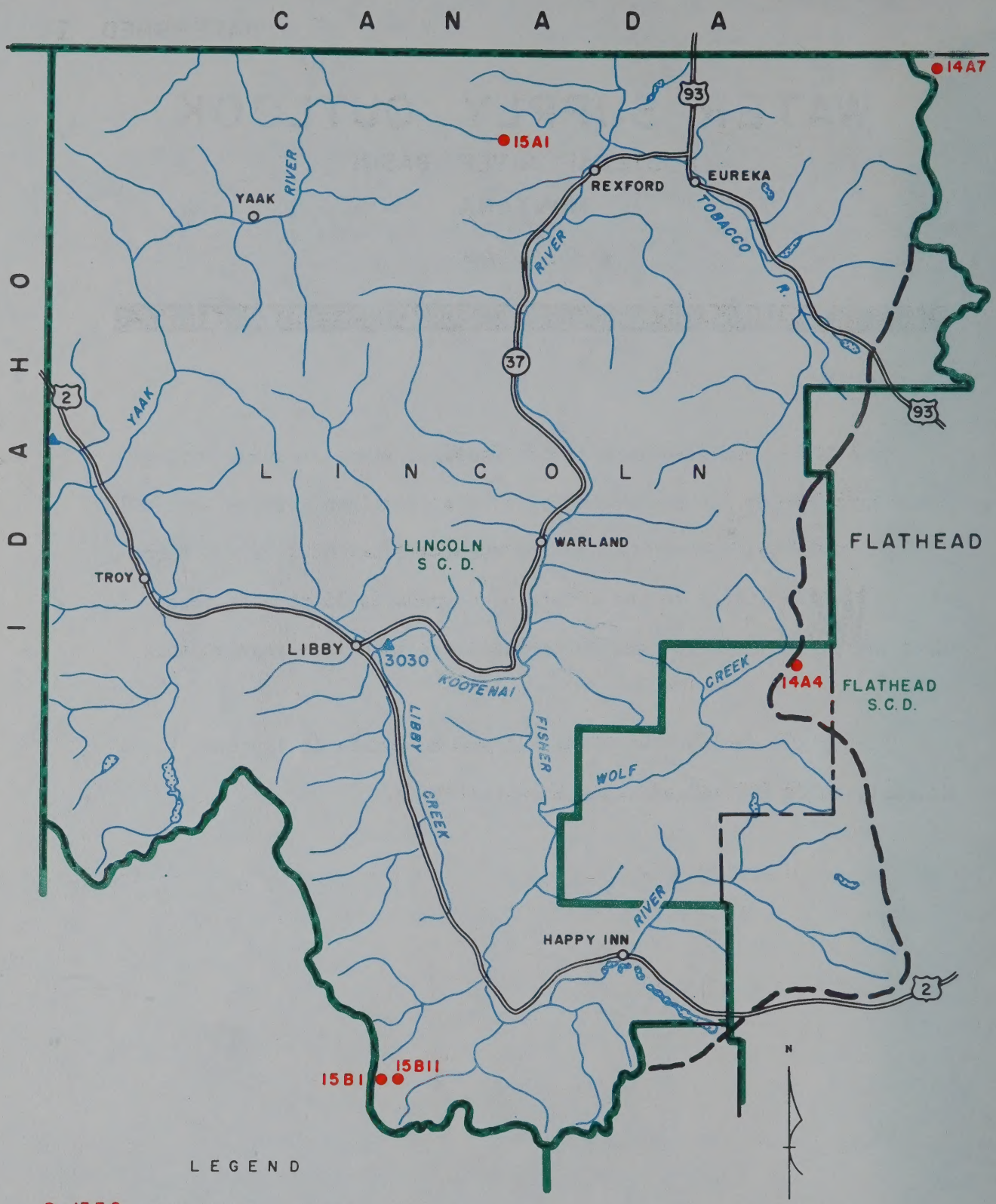
BOX 855 BOZEMAN, MONTANA

THE CONSERVATION OF WATER BEGINS WITH THE SNOW SURVEY

USDA SCS LINCOLN NEBR 1960

5,L-16,507.1



USDA-SCS-LINCOLN, NEBR 1960

5,L-16,507.2

WATER SUPPLY FORECASTS

WATERSHED I

AS OF MARCH 1, 1962

(1000 Acre Feet)

NO.	RIVER AND FORECAST POINT	FORECAST PERIOD	FORECAST THIS YEAR	PERCENT AVERAGE	MEASURED FLOW	
					LAST YEAR*	AVERAGE
	KOOTENAI RIVER					
3030	Libby (at)	Apr-Sept	7028	91	8764	7723
		Apr-July	6092	91	7759	6694
3050	Leonia (at)	Apr-Sept	8100	91	10002	8907
		Apr-July	7110	91	8997	7817

*PROVISIONAL DATA FURNISHED BY U.S. GEOLOGICAL SURVEY

NOTE: ALL AVERAGES BASED ON 1943-1957 (15 YEAR PERIOD).

SNOW SURVEY DATA

AS OF MARCH 1, 1962

(Inches)

SNOW COURSE			CURRENT DATA			PAST RECORD	
						WATER CONTENT	
NO.	NAME	ELEVATION	DATE OF SURVEY	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE
14A4	Brush Creek	5000	2/19	34	10.2	10.6	13.4*
Can 10	Fernie	3500	2/27	22	6.3	7.8	9.1
Can 12A	Field	4200	2/27	21	5.8	8.6	5.5
Can 43	Gray Creek	5100	3/1	59	16.1	19.2	16.7*
Can 33	Kicking Horse	5400	2/27	43	10.9	13.5	13.3*
Can 20B	Kimberley	3800	2/28	25	7.7	10.8	7.6
Can 32	Marble Canyon	5000	3/1	40	10.8	18.5	13.2*
Can 10A	New Fernie	4100	2/27	46	12.8	10.1	13.1*
15A1	Red Mountain	6000	2/20	51	14.4	19.7	18.0
Can 8A	Sinclair Pass	4500	3/1	19	4.6	7.3	5.7*
Can 20A	Sullivan Mine	5100	2/27	39	11.2	14.8	13.1*
Can 41	Upper Elk River	4400	2/28	16	4.5	9.1	8.2*
14A7	Weasel Divide	5450	2/21	83	27.9	34.0	29.6*

NOTE: ALL AVERAGES BASED ON 1943-1957 (15 YEAR PERIOD). *ADJUSTED AVERAGE

WATER SUPPLY OUTLOOK

FLATHEAD RIVER BASIN

MONTANA

AS OF:

MARCH 1, 1962

U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE

The water supply outlook in the Flathead River drainage for the coming irrigation season is GOOD.

Snow surveys made near the first of March show the water stored in the mountain snowpack is about 10 percent more than last year and 96 percent of the 1943-57 average.

Streamflow during the spring and summer months is expected to be very near average and almost the same as last year on the headwaters of the Flathead River. Streamflow from tributaries to the lower portion of the Flathead River should produce 5 to 15 percent more water than last year.

Report Prepared by

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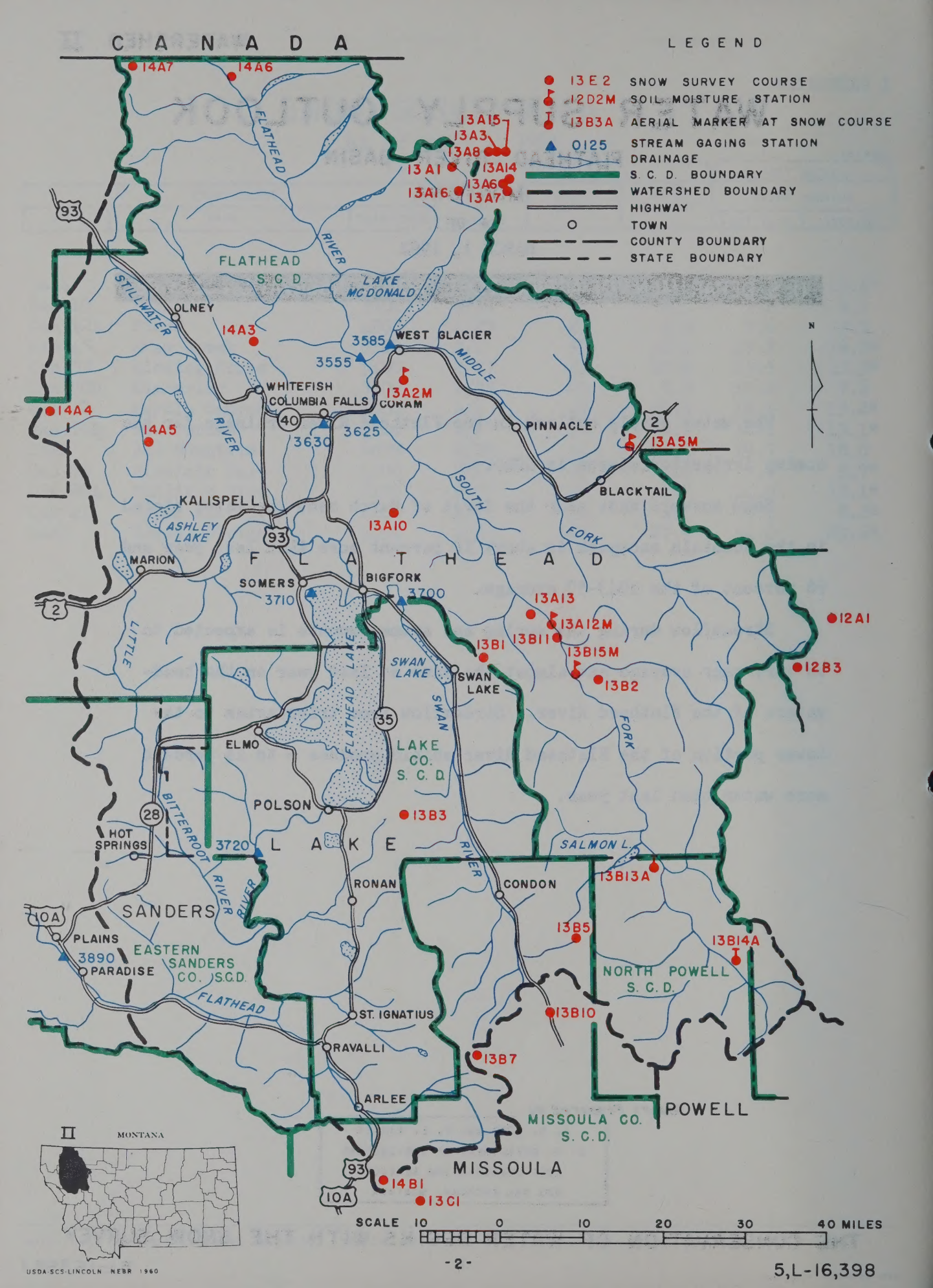
THE CONSERVATION OF WATER BEGINS WITH THE SNOW SURVEY

USDA SCS LINCOLN NEBR 1960

5,L-16,398.1



USDA-SCS-LINCOLN NEBR 1960

5,L-16,398

WATER SUPPLY FORECASTS

AS OF MARCH 1, 1962

(1000 Acre Feet)

NO.	RIVER AND FORECAST POINT	FORECAST PERIOD	FORECAST THIS YEAR	PERCENT AVERAGE	MEASURED FLOW LAST YEAR*	MEASURED FLOW AVERAGE
	NORTH FORK FLATHEAD RIVER					
3555	Columbia Falls (near)	Apr-Sept	1841	95		1942
		Apr-July	1695	96		1769
		Apr-June	1424	96		1491
	MIDDLE FORK FLATHEAD RIVER					
3585	West Glacier (near)	Apr-Sept	1800	96	1852	1882
		Apr-July	1677	96	1748	1747
		Apr-June	1422	96	1578	1487
	SOUTH FORK FLATHEAD RIVER					
3625	Columbia Falls (nr)(17)	Apr-Sept	2348	102	2265	2297
		Apr-July	2215	102	2175	2180
		Apr-June	1936	102	2036	1901
	FLATHEAD RIVER					
3630	Columbia Falls (at)(17)	Apr-Sept	6149	98	6218	6299
		Apr-July	5693	97	5879	5846
		Apr-June	4888	98	5369	4993
3720	Polson (near)(18)	Apr-Sept	7397	99	7456	7463
		Apr-July	6840	99	7044	6939
		Apr-June	5828	99	6431	5896
	SWAN RIVER					
3700	Big Fork (near)	Apr-Sept	708	110		641
		Apr-July	626	110		568
		Apr-June	503	109		460

(17) Corrected for storage in Hungry Horse Reservoir.
(18) Corrected for storage in Hungry Horse Reservoir and Flathead Lake.

*PROVISIONAL DATA FURNISHED BY U. S. GEOLOGICAL SURVEY

RESERVOIR STORAGE DATA

AS OF FEBRUARY 28, 1962

(1000 Acre Feet)

NO.	RESERVOIR	USABLE CAPACITY	THIS YEAR	LAST YEAR	AVERAGE
3620	Hungry Horse	3428.0	2172.0	3175.0	2369.0**
3710	Flathead	1791.0	806.5	1078.0	768.2
3757	Camas (4)	45.2	27.4	25.5	25.1
3800	Mission Valley (8)	100.3	24.4	30.0	35.5

NOTE: ALL AVERAGES BASED ON 1943-1957 (15 YEAR PERIOD)

SNOW SURVEY DATA

AS OF MARCH 1, 1962

(Inches)

SNOW COURSE NO.	SNOW COURSE NAME	ELEVATION	CURRENT DATA: DATE OF SURVEY	CURRENT DATA: SNOW DEPTH	CURRENT DATA: WATER CONTENT	PAST RECORD: WATER CONTENT: LAST YEAR	PAST RECORD: WATER CONTENT: AVERAGE
13B14A	Basin Creek	5000	2/28	35	11.3	7.9	9.2*
14B3	Bassoo Peak	5150	2/26	38	11.0	6.9	-
13B3	Big Creek	6750	3/1	100	38.4	36.1	36.6
14A4	Brush Creek	5000	2/19	34	10.2	10.6	13.4*
13A17	Camp Misery	6400	2/23	98	34.5	-	-
13A2M	Desert Mountain	5600	2/26	45	13.4	12.2	14.1*
13B4	Fatty Creek	5500	3/1	59	19.0	-	-
Can 10	Fernie	3500	2/27	22	6.3	7.8	9.1
14A9	Griffin Creek Divide	5150	3/5	46	12.9	9.0	-
14A3	Hell Roaring Divide	5770	2/22	77	23.0	28.6	26.9*
13B13A	Holbrook	4530	2/28	37	13.4	8.6	9.9*
14A6	Kishenehn	3886	2/25	30	8.5	8.0	10.5*
14A5	Logan Creek	4300	2/19	33	9.4	6.2	9.0*
13A5M	Marias Pass	5250	2/24	47	13.4	8.2	17.4
13A16	Mineral Creek	4000	3/3	63	15.1	16.9	20.4*
Can 10A	New Fernie	4100	2/28	46	12.8	10.1	13.1*
13B7	North Fork Jocko	6330	3/2	112	43.0	40.3	38.3
13A13	Quintonkon	3800	3/1	46	14.6	-	13.9*
13B2	Spotted Bear Mt.	7000	2/28	44	13.6	11.2	14.8*
13A10	Strawberry Lake	6500	3/6	92	31.8	26.9	33.7*
13B1	Trinkus Lake	6500	3/6	93	33.9	34.0	36.3*
13A12M	Trout Lake	3600	2/27	42	13.3	8.2	15.4*
14B1	TV Mountain	6800	2/25	56	17.2	10.5	14.9*
13B11	Twin Creeks	3580	2/27	35	10.8	8.7	11.2*
13B5	Upper Holland Lake	7000	3/6	89	34.5	24.6	28.4*
14A7	Weasel Divide	5450	2/21	83	27.9	34.0	29.6*

NOTE: ALL AVERAGES BASED ON 1943-1957 (15 YEAR PERIOD). *ADJUSTED AVERAGE

WATER SUPPLY OUTLOOK

LOWER CLARK FORK RIVER BASIN

MONTANA

AS OF:

MARCH 1, 1962

U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE

The water supply outlook in the Lower Clark Fork River drainage for the coming spring and summer months is GOOD.

Snow surveys made near the first of March indicate the water stored in the mountain snowpack is about 25 percent more than last year's and 106 percent of the 1943-57 average.

Streamflow for the coming season is expected to be very close to average and about 30 percent more than last year on the main stem of the Clark Fork. The Clark Fork above Milltown is forecast to be 60 percent greater than last year.

Soil moisture under the snowpack is improving but still below average in the headwaters of the basin and near average in downstream tributaries.

Report Prepared by

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THE CONSERVATION OF WATER BEGINS WITH THE SNOW SURVEY

USDA SCS LINCOLN NEBR 1960

5,L-16,506.1

USDA SCS-LINCOLN, NEBR. 1980

5,L-16,506.2

WATER SUPPLY FORECASTS

WATERSHED III

AS OF MARCH 1, 1962

(1000 Acre Feet)

NO.	RIVER AND FORECAST POINT	FORECAST PERIOD	FORECAST THIS YEAR	PERCENT AVERAGE	MEASURED FLOW	
					LAST YEAR*	AVERAGE
	BLACKFOOT RIVER					
3400	Bonner (near)	Apr-Sept	1059	106	775	1000
		Apr-July	965	106	705	907
		Apr-June	824	106	636	775
	BITTERROOT RIVER					
3528	Missoula (near)(16)	Apr-Sept	1595	102		1557
		Apr-July	1487	102		1450
		Apr-June	1274	102		1244
	CLARK FORK RIVER					
3404	Milltown (above)(14)	Apr-Sept	771	95	478	815
		Apr-July	679	95	404	716
		Apr-June	575	95	356	609
3405	Missoula (above)	Apr-Sept	1830	101	1251	1814
		Apr-July	1644	101	1110	1620
		Apr-June	1399	101	992	1384
3530	Missoula (below)	Apr-Sept	3425	102		3361
		Apr-July	3131	102		3059
		Apr-June	2673	102		2608
3545	St. Regis (at)	Apr-Sept	4588	101	3454	4549
		Apr-July	4230	102	3148	4140
		Apr-June	3614	102	2873	3550
3890	Plains (near)(18)	Apr-Sept	12305	100		12337
		Apr-July	11255	100		11316
		Apr-June	9672	100		9625
3920	Whitehorse Rapids (at)(18)	Apr-Sept	13900	100		13932
		Apr-July	12708	100		12763
		Apr-June	10800	100		10816

(14) Difference in observed flow, Clark Fork above Missoula & Blackfoot at Bonner.
(16) Difference in observed flow, Clark Fork above and below Missoula.
(18) Corrected for storage in Flathead Lake & Hungry Horse Reservoir.

* PROVISIONAL DATA FURNISHED BY U.S. GEOLOGICAL SURVEY

NOTE: ALL AVERAGES BASED ON 1943-1957 (15 YEAR PERIOD).

SNOW SURVEY DATA

AS OF MARCH 1, 1962

(Inches)

SNOW COURSE			CURRENT DATA			PAST RECORD	
NO.	NAME	ELEVATION	DATE OF SURVEY	SNOW DEPTH	WATER CONTENT	WATER CONTENT	
						LAST YEAR	AVERAGE
13B10	Coyote Hill	4200	2/28	38	11.8	8.4	9.9*
14C5	Lolo Pass	5230	2/26	90	34.4	28.4	32.9*
15B2	Lookout	5250	2/26	88	31.4	29.8	33.7*
13C8	Lubrecht Forest #6	4040	2/28	24	7.8	2.8	3.4*
13B7	N. Fork Jocko	6330	3/2	112	43.0	40.3	38.3
14C6	Powell R. S.	4230	2/26	38	13.7	9.6	14.6*
14C4	Savage Pass	6600	2/27	70	24.2	21.0	-
13C1	Stuart Mountain	7400	2/24	74	25.9	20.0	27.4*
14B1	TV Mountain	6800	2/25	56	17.2	10.5	14.9*

NOTE: ALL AVERAGES BASED ON 1943-1957 (15 YEAR PERIOD). *ADJUSTED AVERAGE

WATER SUPPLY OUTLOOK

UPPER CLARK FORK RIVER BASIN

MONTANA

AS OF:

MARCH 1, 1962

U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE

The water supply outlook in the Upper Clark Fork drainage for the coming irrigation season is GOOD.

Snow surveys made near the first of March indicate the water stored in the mountain snowpack is very near the 1943-57 average and 55 percent greater than last year.

Streamflow for the coming summer months is expected to be near average on the tributary streams to the Clark Fork River. Flint Creek near Maxville is expected to produce about 40 percent more water than last year during the April through September period. Other streams in this area should have flows of 30 to 60 percent more than last year.

Soil moisture under the snowpack is improving but still below average over much of the area.

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THE CONSERVATION OF WATER BEGINS WITH THE SNOW SURVEY

USDA SCS LINCOLN NEBR 1960

USDA-SCS-LINCOLN NEBR. 1980

5,L-16,396

WATER SUPPLY FORECASTS

WATERSHED IV

AS OF MARCH 1, 1962

(1000 Acre Feet)

NO.	RIVER AND FORECAST POINT	FORECAST PERIOD	FORECAST THIS YEAR	PERCENT AVERAGE	MEASURED FLOW LAST YEAR*	MEASURED FLOW AVERAGE
	FLINT CREEK					
3295	Maxville (at)	Apr-Sept	44.1	95	30.2	46.4
		Apr-July	33.3	94	21.4	35.4
	BOULDER CREEK					
3300	Maxville (at)	Apr-Sept	25.4	90	15.2	28.2
		Apr-July	23.4	91	14.0	25.8
	MIDDLE FORK ROCK CREEK					
3320	Philipsburg (near)	Apr-Sept	76.5	95	57.6	80.2
		Apr-July	69.1	96	52.8	72.1
	BLACKFOOT RIVER					
3400	Bonner (near)	Apr-Sept	1059	106	775	1000
		Apr-July	965	106	705	907
		Apr-June	824	106	636	775
	CLARK FORK RIVER					
3404	Milltown (above)(14)	Apr-Sept	771	95	478	815
		Apr-July	679	95	404	716
		Apr-June	575	95	356	609

(14) Difference in observed flow, Clark Fork above Missoula & Blackfoot at Bonner.

*PROVISIONAL DATA FURNISHED BY U. S. GEOLOGICAL SURVEY

RESERVOIR STORAGE DATA

AS OF FEBRUARY 28, 1962

(1000 Acre Feet)

NO.	RESERVOIR	USABLE CAPACITY	THIS YEAR	LAST YEAR	AVERAGE
3250	Georgetown Lake	31.0	22.6	23.3	23.0

NOTE: ALL AVERAGES BASED ON 1943-1957 (15 YEAR PERIOD)

SNOW SURVEY DATA

AS OF MARCH 1, 1962

(Inches)

SNOW COURSE			CURRENT DATA			PAST RECORD	
NO.	NAME	ELEVATION	DATE OF SURVEY	SNOW DEPTH	WATER CONTENT	WATER CONTENT	
						LAST YEAR	AVERAGE
13C16	Ambrose	6475	2/26	43	12.8	9.2	-
13C13	Black Pine	7100	2/25	38	10.7	7.8	-
12C5	Chessman Reservoir	6200	2/28	15	3.3	0.2	4.3
13C9	El Dorado Mine	7800	2/23	61	17.9	11.8	17.3*
13C11	Fred Burr Pass	8000	3/1	60	19.6	17.1	22.4*
13C10	Gold Creek Lake	7200	2/23	47	13.0	9.0	13.4*
13C4	Intergaard	6450	3/1	32	8.0	4.8	6.6
13C8	Lubrecht Forest #6	4040	2/28	24	7.8	2.8	3.4*
12D1	Pipestone Pass	7200	2/23	25	5.3	3.0	4.4
13C12	Red Lion	7100	3/1	45	12.5	10.6	14.4*
13C3	Skalkaho Summit	7259	2/28	63	21.8	19.6	-
13C2	Slide Rock Mt.	7100	2/26	44	12.8	8.8	12.5*
13C5	Southern Cross	6500	3/1	25	6.8	3.8	5.0
12C1	Stemple Pass	6900	3/1	36	9.1	4.7	9.2
13C7	Storm Lake	7780	3/1	42	12.0	9.4	11.6*
13C6	Stuart Mill	6500	3/1	25	6.0	3.5	5.6
12C2	Tenmile, Lower	6250	2/27	28	6.6	3.2	6.3
12C3	Tenmile, Middle	6800	2/26	38	9.0	4.9	9.2
12C4	Tenmile, Upper	8000	2/26	43	11.5	6.5	11.9

NOTE: ALL AVERAGES BASED ON 1943-1957 (15 YEAR PERIOD). *ADJUSTED AVERAGE

WATER SUPPLY OUTLOOK

BITTERROOT RIVER BASIN

MONTANA

AS OF:

MARCH 1, 1962

U. S. DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE

The water supply outlook in the Bitterroot River drainage for the coming irrigation season is GOOD.

Snow surveys made near the first of March indicate the water stored in the mountain snowpack is 94 percent of the 1943-57 average and 30 percent greater than last year.

Streamflow for the coming spring and summer months is expected to be near average and greater than last year. The Bitterroot River at Darby is forecast to flow 147 percent of last year and 101 percent of the 1943-57 average for the April through September period.

Report Prepared by

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THE CONSERVATION OF WATER BEGINS WITH THE SNOW SURVEY

USDA SCS LINCOLN NEBR 1960

5,L-16,518.1

93
FLORENCE
STEVENSVILLE
13C16
BURNT FORK
3510
VICTOR
BITTERROOT RIVER
MONTANA
WOODSIDE
CORVALLIS
BLODGETT CR.
3475
HAMILTON
13C3
38
GRANTSDALE
14C8
14C7
3445
COMO RES
ROCK CR.
BITTERROOT S.C.D.
DARBY
CONNER
3440
RAVALLI
13D1
EAST FORK
3434
SULA
WEST FORK
14D2
14D1
14D3
3425
3420
13D2
13D16
ALTA
93
IDAHO
LEGEND
13E2 SNOW SURVEY COURSE
12D2M SOIL MOISTURE STATION
13B3A AERIAL MARKER AT SNOW COURSE
0125 STREAM GAGING STATION
DRAINAGE
S. C. D. BOUNDARY
WATERSHED BOUNDARY
HIGHWAY
TOWN
COUNTY BOUNDARY
STATE BOUNDARY
SCALE 5 0 5 10 15 20 MILES
USDA-SCS-LINCOLN NEBR. 1960

5,L-16,518.2

WATER SUPPLY FORECASTS

AS OF MARCH 1, 1962

(1000 Acre Feet)

NO.	RIVER AND FORECAST POINT	FORECAST PERIOD	FORECAST THIS YEAR	PERCENT AVERAGE	MEASURED FLOW LAST YEAR*	MEASURED FLOW AVERAGE
	WEST FORK BITTERROOT RIVER					
3425	Conner (near)(15)	Apr-Sept	182	103		176
		Apr-July	169	103		164
	BITTERROOT RIVER					
3440	Darby (near)	Apr-Sept	591	101	402	587
		Apr-July	549	100	366	547
		Apr-June	484	101	339	477
3528	Missoula (near)(16)	Apr-Sept	1595	102		1557
		Apr-July	1487	102		1450
		Apr-June	1274	102		1244
	BLODGETT CREEK					
3475	Corvallis (near)	Apr-Sept	46.0	98		46.7
		Apr-July	43.9	99		44.4
	BURNT FORK CREEK					
3510	Stevensville (near)	Apr-Sept	29.7	95		31.2
		Apr-July	26.5	95		28.0

(15) Corrected for storage in West Fork Bitterroot River Reservoir.
(16) Difference in observed flow, Clark Fork above and below Missoula.

*PROVISIONAL DATA FURNISHED BY U. S. GEOLOGICAL SURVEY

RESERVOIR STORAGE DATA

AS OF FEBRUARY 28, 1962

(1000 Acre Feet)

NO.	RESERVOIR	USABLE CAPACITY	THIS YEAR	LAST YEAR	AVERAGE
3445	Como Lake	34.8	13.8	-	10.7

NOTE: ALL AVERAGES BASED ON 1943-1957 (15 YEAR PERIOD)

SNOW SURVEY DATA

AS OF MARCH 1, 1962

(Inches)

SNOW COURSE			CURRENT DATA			PAST RECORD	
						WATER CONTENT	
NO.	NAME	ELEVATION	DATE OF SURVEY	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE
13C16	Ambrose	6475	2/26	43	12.8	9.2	-
13D1	East Fork R. S.	5400	3/2	27	6.2	4.6	6.5*
13D2	Gibbons Pass	7100	2/27	60	19.5	15.4	22.2
14C5	Lolo Pass	5230	2/26	90	34.4	28.4	32.9*
14C7	Lost Horse	5940	2/28	78	27.0	25.0	-
13D16	Moose Creek	6200	2/26	45	12.6	10.6	16.1
14D2	Nez Perce Camp	5580	3/1	46	13.8	9.2	12.4*
14D1	Nez Perce Pass	6575	3/1	47	14.4	9.3	16.8*
14C6	Powell R. S.	4230	2/26	38	13.7	9.6	14.6*
14C4	Savage Pass	6600	2/27	70	24.2	21.0	-
13C3	Skalkaho Summit	7259	2/28	63	21.8	19.6	-
14C8	Twin Lakes	6510	2/28	96	36.2	31.8	-

NOTE: ALL AVERAGES BASED ON 1943-1957 (15 YEAR PERIOD). *ADJUSTED AVERAGE

WATER SUPPLY OUTLOOK

MARIAS, TETON, & SUN RIVER BASINS

MONTANA

AS OF:
MARCH 1, 1962

U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE

The water supply outlook for the coming irrigation season in the Marias, Teton and Sun River basins is GOOD.

Snow surveys made near the first of March show the water stored in the mountain snowpack is 30 percent greater than last year and 90 percent of the 1943-57 average.

Streamflow for the coming irrigation season is expected to be slightly below average but greater than last year. The Sun River at Gibson Reservoir is forecast to flow 95 percent of average and 118 percent of last year for the April through September period.

Storage in irrigation reservoirs is below average; however, these reservoirs should fill with the anticipated streamflow.

Report Prepared by

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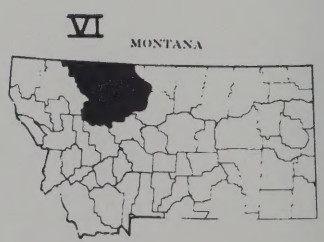
THE CONSERVATION OF WATER BEGINS WITH THE SNOW SURVEY

USDA SCS LINCOLN NEBR 1960

5,L-16,502.1

LEGEND

- 13 E 2 — SNOW SURVEY COURSE
- 12D2M — SOIL MOISTURE STATION
- 13B3A — AERIAL MARKER AT SNOW COURSE
- 0125 — STREAM GAGING STATION
- DRAINAGE
- S C D BOUNDARY
- WATERSHED BOUNDARY
- HIGHWAY
- TOWN
- COUNTY BOUNDARY
- STATE BOUNDARY



SCALE 10 0 10 20 30 40 MILES

5,L-16,502.2

WATER SUPPLY FORECASTS

WATERSHED VI

AS OF MARCH 1, 1962

(1000 Acre Feet)

NO.	RIVER AND FORECAST POINT	FORECAST PERIOD	FORECAST THIS YEAR	PERCENT AVERAGE	MEASURED FLOW LAST YEAR*	MEASURED FLOW AVERAGE
	NORTH FORK SUN RIVER					
0785	Augusta (near)	Apr-Sept	223	93		239
		Apr-July	202	91		222
	SUN RIVER					
0786	Gibson Dam (at)(10)	Apr-Sept	559	95	474	588
		Apr-July	512	95	440	538
	MARIAS RIVER					
0995	Shelby (near)	Apr-Sept	608	92		659
		Apr-July	557	92		605

(10) Corrected for storage in Gibson Reservoir and diversions.

*PROVISIONAL DATA FURNISHED BY U. S. GEOLOGICAL SURVEY

RESERVOIR STORAGE DATA

AS OF FEBRUARY 28, 1962

(1000 Acre Feet)

NO.	RESERVOIR	USABLE CAPACITY	THIS YEAR	LAST YEAR	AVERAGE
1013	Tiber	1316.0	620.5	632.3	632.7
0955	Lake Francis	112.0	76.0	77.7	94.6
0805	Pishkun	32.0	17.0	16.8	18.8
0795	Gibson	105.0	39.0	37.4	63.3
0820	Willow Creek	32.3	10.6	15.1	19.2
0940	Swift	30.0	16.8	14.3	23.1

NOTE: ALL AVERAGES BASED ON 1943-1957 (15 YEAR PERIOD)

SNOW SURVEY DATA

AS OF MARCH 1, 1962

(Inches)

SNOW COURSE			CURRENT DATA			PAST RECORD	
						WATER CONTENT	
NO.	NAME	ELEVATION	DATE OF SURVEY	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE
12B8	Benchmark	5500	2/19	23	7.5	5.1	8.1*
12B6	Cabin Creek	5400	2/28	28	8.3	-	6.8*
12B9	Five Bull	5600	2/19	20	5.6	2.3	6.2*
12A1	Freight Creek	6000	2/20	39	12.7	10.8	14.9*
12B5	Gates Park	5300	2/28	34	10.4	7.0	9.9*
12B7	Goat Mountain	7000	2/28	37	11.8	7.5	10.7
13A5M	Marias Pass	5250	2/24	47	13.4	8.2	17.4
12B2	Waldron Creek	5600	2/20	16	4.6	2.8	6.5*
12B1	West Fork	6000	2/20	NR	NR	8.5	14.0*
12B4	Wrong Creek	5700	2/28	44	14.8	13.3E	14.8*
12B3	Wrong Ridge	6800	2/28	50	17.5	18.0	20.4*

NOTE: ALL AVERAGES BASED ON 1943-1957 (15 YEAR PERIOD). *ADJUSTED AVERAGE

WATER SUPPLY OUTLOOK

MISSOURI RIVER (MAIN STEM) BASIN

MONTANA

AS OF:
MARCH 1, 1962

U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE

The water supply outlook for the coming irrigation season on streams tributary to the Missouri River is Fair to Good.

Snow surveys made near the first of March show the water stored in the mountain snowpack is 97 percent of the 1943-57 average and 208 percent of last year.

Streamflow for the coming spring and summer months is expected to be 80 to 100 percent average on streams tributary to the Missouri River. Prickly Pear Creek is forecast to be almost twice that of last year, but still only 80 percent of average.

Report Prepared by

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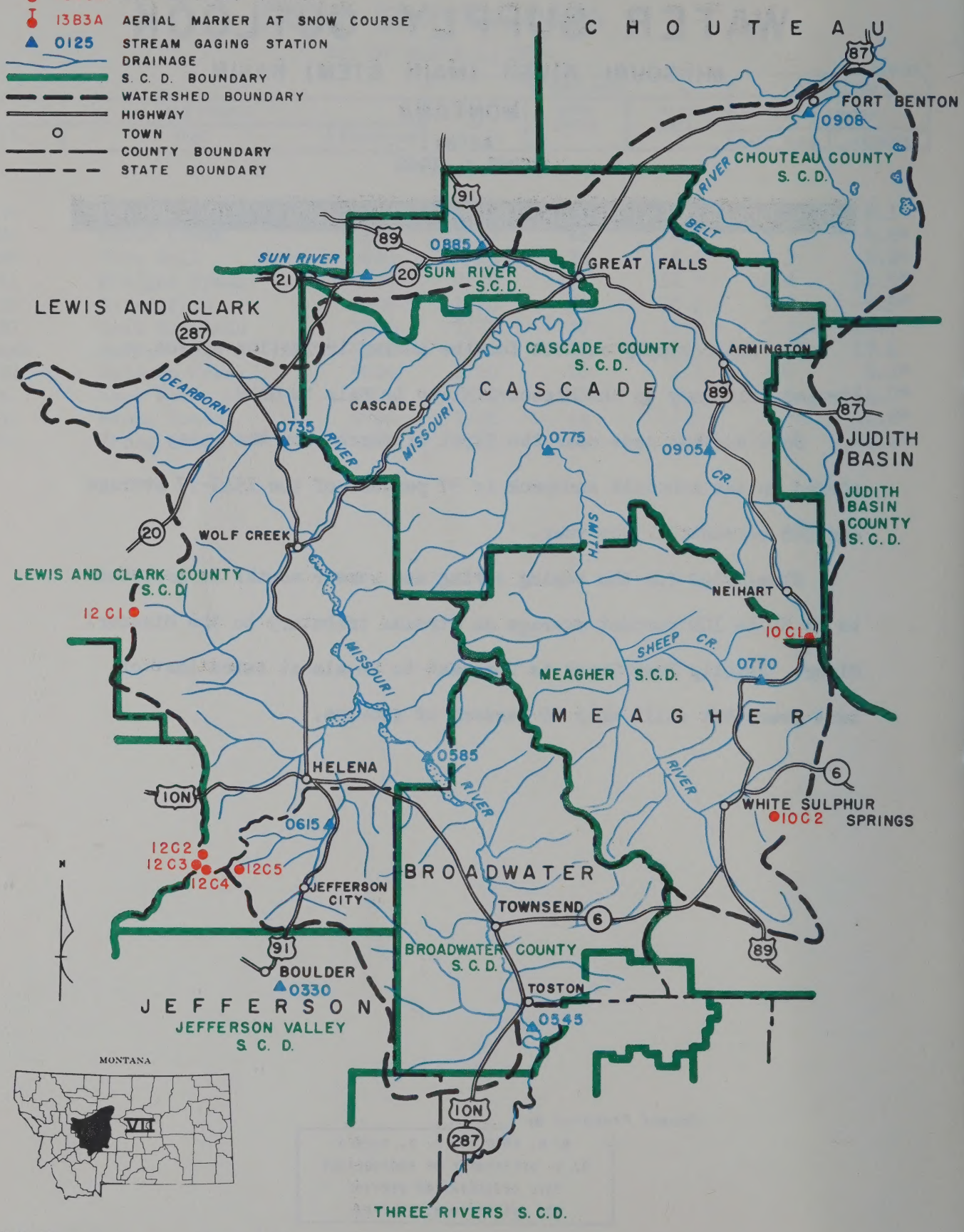
BOX 855 BOZEMAN, MONTANA

THE CONSERVATION OF WATER BEGINS WITH THE SNOW SURVEY

USDA SCS LINCOLN NEBR 1960

5,L-16,400.1



USDA-SCS-LINCOLN, NEBR 1960

5,L-16,400.2

WATER SUPPLY FORECASTS

AS OF MARCH 1, 1962

(1000 Acre Feet)

NO.	RIVER AND FORECAST POINT	FORECAST PERIOD	FORECAST THIS YEAR	PERCENT AVERAGE	MEASURED FLOW LAST YEAR*	MEASURED FLOW AVERAGE
	MISSOURI RIVER					
0545	Toston (at)(3)	Apr-Sept	2461	105	1102	2342
		Apr-July	2135	105	887	2030
0908	Fort Benton (at)(5)	Apr-Sept	3697	103		3599
		Apr-July	3164	103		3076
	PRICKLY PEAR CREEK					
0615	Clancy (near)	Apr-Sept	19.1	80	9.7	23.9
		Apr-July	16.8	81	8.4	20.8

(3) Corrected for storage in Hebgen and Ennis Lakes.
(5) Corrected for storage in Canyon Ferry Reservoir.

*PROVISIONAL DATA FURNISHED BY U. S. GEOLOGICAL SURVEY

RESERVOIR STORAGE DATA

AS OF FEBRUARY 28, 1962

(1000 Acre Feet)

NO.	RESERVOIR	USABLE CAPACITY	THIS YEAR	LAST YEAR	AVERAGE
0585	Canyon Ferry	2043.0	1285.0	1487.0	1558.0**
0645	Lake Helena	10.4	4.6	9.6	8.1**
0660	Holter Lake	81.9	51.8	9.9	59.2
0650	Hauser Lk. & Lk. Helena	62.5	44.1	59.6	53.8

NOTE: ALL AVERAGES BASED ON 1943-1957 (15 YEAR PERIOD)

SNOW SURVEY DATA

AS OF MARCH 1, 1962

(Inches)

SNOW COURSE			CURRENT DATA			PAST RECORD	
NO.	NAME	ELEVATION	DATE OF SURVEY	SNOW DEPTH	WATER CONTENT	WATER CONTENT	
						LAST YEAR	AVERAGE
12C5	Chessman Reservoir	6200	2/28	15	3.3	0.2	4.3
10C2	Grasshopper	7000	2/28	25	5.5	0.8	4.3
10C1	Kings Hill	7950	2/26	41	10.1	6.2	11.5
12C1	Stemple Pass	6900	3/1	36	9.1	4.7	9.2
12C2	Tenmile, Lower	6250	2/27	28	6.6	3.2	6.3
12C3	Tenmile, Middle	6800	2/26	38	9.0	4.9	9.2
12C4	Tenmile, Upper	8000	2/26	43	11.5	6.5	11.9

NOTE: ALL AVERAGES BASED ON 1943-1957 (15 YEAR PERIOD). *ADJUSTED AVERAGE

WATER SUPPLY OUTLOOK

BEAVERHEAD, & JEFFERSON RIVER BASINS

MONTANA

AS OF :

MARCH 1, 1962

U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE

The water supply outlook for the coming irrigation season in the Beaverhead and Jefferson River drainages is GOOD.

Snow surveys made near the first of March show the water stored in the mountain snowpack is very near average and 60 percent greater than last year.

Streamflow is expected to be near average over the entire Jefferson drainage. It is expected that streams in this drainage will produce almost twice as much water as they did last year.

Storage is below average in both Lima and Ruby reservoirs, but should improve when spring runoff starts.

Report Prepared by

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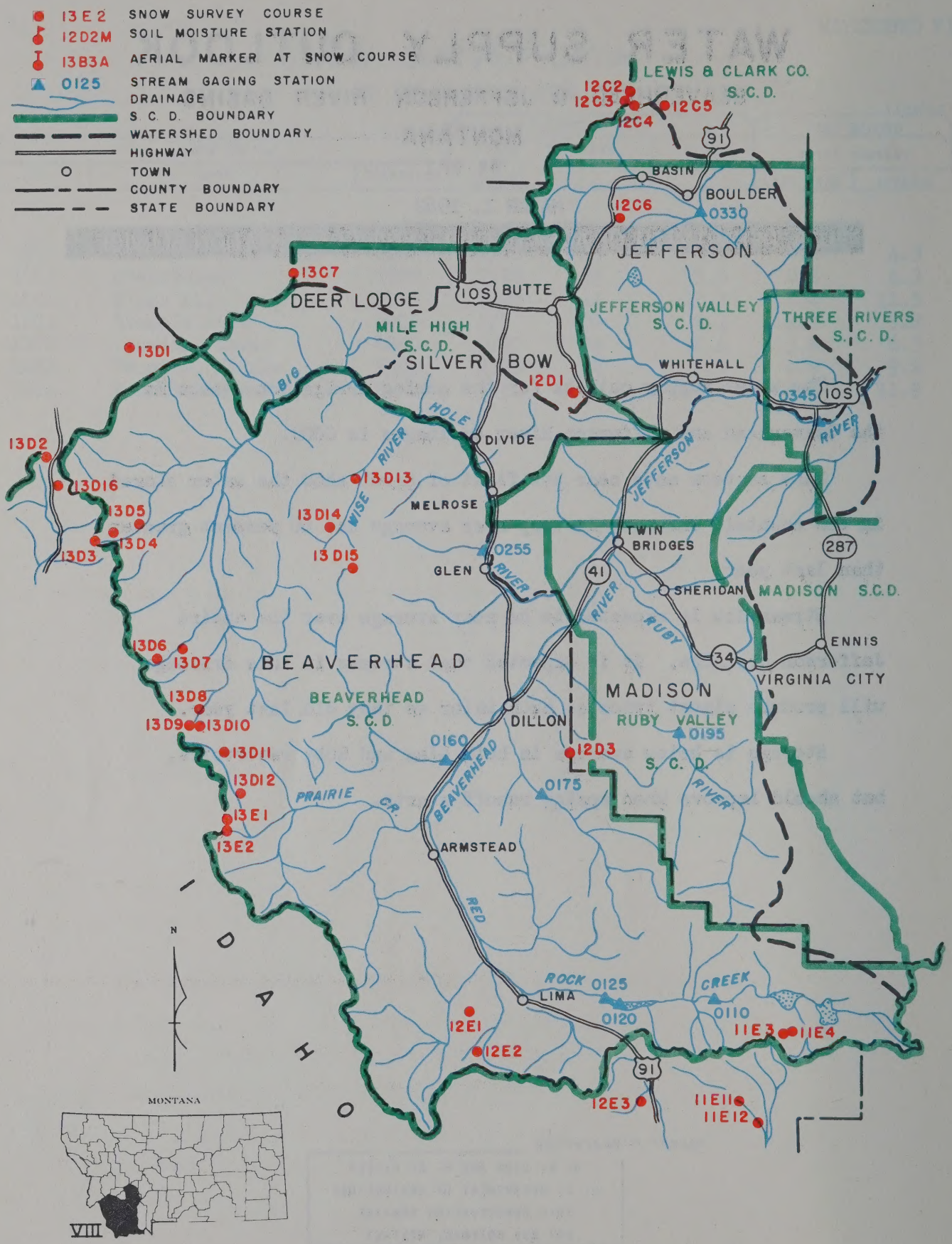
THE CONSERVATION OF WATER BEGINS WITH THE SNOW SURVEY

USDA SCS LINCOLN NEBR 1960

5,L-16,394.1


LEGEND
13E2 SNOW SURVEY COURSE
12D2M SOIL MOISTURE STATION
13B3A AERIAL MARKER AT SNOW COURSE
0125 STREAM GAGING STATION
DRAINAGE
S. C. D. BOUNDARY
WATERSHED BOUNDARY
HIGHWAY
TOWN
COUNTY BOUNDARY
STATE BOUNDARY
LEWIS & CLARK CO. S. C. D.
12C2
12C3
12C4
12C5
91
BASIN
BOULDER
0330
12C6
JEFFERSON
13C7
DEER LODGE
10S
BUTTE
JEFFERSON VALLEY S. C. D.
THREE RIVERS S. C. D.
MILE HIGH S. C. D.
SILVER BOW
13D1
WHITEHALL
12D1
0345
10S
BIG HOLE RIVER
DIVIDE
JEFFERSON RIVER
13D2
13D16
13D5
13D4
13D3
13D13
13D14
13D15
WISE RIVER
MELROSE
TWIN BRIDGES
287
0255
GLEN
41
SHERIDAN
MADISON S.C.D.
RUBY RIVER
13D6
13D7
BEAVERHEAD
34
ENNIS
VIRGINIA CITY
13D8
13D9
13D10
BEAVERHEAD S. C. D.
MADISON
DILLON
RUBY VALLEY S. C. D.
0195
0160
12D3
13D11
13D12
PRAIRIE CR.
0175
BEAVERHEAD RIVER
13E1
13E2
ARMSTEAD
RED
ROCK CREEK
0125
LIMA
0120
0110
12E1
12E2
11E3
11E4
91
12E3
11E11
11E12
IDAHO
N
MONTANA
VIII
SCALE 10 0 10 20 30 40 MILES
USDA-SCS LINCOLN NEBR 1960

5,L-16,394.2

WATER SUPPLY FORECASTS

WATERSHED VIII

AS OF MARCH 1, 1962

(1000 Acre Feet)

NO.	RIVER AND FORECAST POINT	FORECAST PERIOD	FORECAST THIS YEAR	PERCENT AVERAGE	MEASURED FLOW	
					LAST YEAR*	AVERAGE
	RED ROCK RIVER					
0110	Kennedy Ranch (at)	May-Sept	57.4	104	20.4	54.9
		May-July	51.2	104	17.0	49.1
0125	Monida (near)(1)	Apr-Sept	84.3	98	35.8	86.4
		Apr-July	79.5	97	28.6	82.2
	BIG HOLE RIVER					
0255	Melrose (near)	Apr-Sept	727	94	397	770
		Apr-July	680	95	367	714
	BOULDER RIVER					
0330	Boulder (near)	Apr-Sept	78.4	98	46.0	79.9
		Apr-July	75.2	98	43.9	76.5
	JEFFERSON RIVER					
0345	Sappington (at)	Apr-Sept	994	93	472	1074
		Apr-July	893	93	421	958

(1) Corrected for storage in Lima Reservoir.

*PROVISIONAL DATA FURNISHED BY U. S. GEOLOGICAL SURVEY

RESERVOIR STORAGE DATA

AS OF FEBRUARY 28, 1962

(1000 Acre Feet)

NO.	RESERVOIR	USABLE CAPACITY	THIS YEAR	LAST YEAR	AVERAGE
0120	Lima	84.0	16.5	9.4	32.8
0205	Ruby	38.8	23.2	21.2	27.2**

NOTE: ALL AVERAGES BASED ON 1943-1957 (15 YEAR PERIOD)

SNOW SURVEY DATA

AS OF MARCH 1, 1962

(Inches)

SNOW COURSE			CURRENT DATA			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH	WATER CONTENT	WATER CONTENT	
NO.	NAME	ELEVATION				LAST YEAR	AVERAGE
13D14	Anderson Meadow	7000	3/2	29	6.2	3.7	7.0*
13D4	Below Big Hole Pass	6900	3/1	42	11.4	6.0	12.2*
12C7	Berry Meadow	7300	2/23	34	8.0	-	-
13D3	Big Hole Pass	7240	3/1	47	14.2	9.7	14.3*
13D10	Bloody Dick	7600	2/28	37	9.8	6.2	10.0*
12E3	Camp Creek	6800	2/26	35	9.2	4.5	9.2
12C5	Chessman Reservoir	6200	2/28	15	3.3	0.2	4.3
13D5	East Boundary	6700	3/1	29	6.8	3.2	6.6*
13D15	Elk Horn	8450	3/1	35	10.1	5.4	9.1
13D2	Gibbons Pass	7100	2/27	60	19.5	15.4	22.2
13D9	Gold Stone	8100	2/28	45	13.4	9.6	12.9*
13D8	Jahnke Creek	7340	2/28	36	7.0	5.1	9.4*
11E12	Kilgore	6200	2/28	39	12.1	7.9	10.5*
11E4	Lakeview Canyon	6930	2/26	46	12.6	6.1	10.5*
11E3	Lakeview Ridge	7400	2/26	43	10.7	5.0	8.9*
13E1	Lemhi Pass	7480	2/26	32	7.0	4.7	7.5*
12E2	Limekiln	6950	2/21	0	0	0	1.2*
13D6	Miner Forks	7300	2/28	43	11.2	8.2	10.8*
13D7	Miner Lake	6720	2/28	36	7.3	5.0	7.1*
13D16	Moose Creek	6200	2/26	45	12.6	10.6	16.1
12C6	Picnic Grounds	6500	3/1	23	5.0	2.2	4.7*
12D1	Pipestone Pass	7200	2/23	25	5.3	3.0	4.4
13C7	Storm Lake	7780	3/1	42	12.0	9.4	11.6*
12C2	Tenmile, Lower	6250	2/27	28	6.6	3.2	6.3
12C3	Tenmile, Middle	6800	2/26	38	9.0	4.9	9.2
12C4	Tenmile, Upper	8000	2/26	43	11.5	6.5	11.9
13E2	Trail Creek	7090	2/26	31	6.1	3.7	6.7*
11E1	White Pine Ridge	8850	2/21	23	4.8	3.3	4.6*
13D13	Wise River	6300	3/2	22	5.0	2.3	4.9*

NOTE: ALL AVERAGES BASED ON 1943-1957 (15 YEAR PERIOD). *ADJUSTED AVERAGE

WATER SUPPLY OUTLOOK

MADISON, & GALLATIN RIVER BASINS

MONTANA

AS OF:

MARCH 1, 1962

U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE

The water supply outlook for the coming irrigation season in the Madison and Gallatin drainages is Good to Excellent.

Snow surveys made near the first of March show the water stored in the snowpack is 50 percent of the 1943-57 average.

Streamflow in the Madison River is expected to be 5 to 10 percent above average and 35 to 70 percent more than last year.

In the Gallatin drainage, streamflow is expected to be 20 to 25 percent above average and much greater than last year.

Soils under the snowpack are wet and should require very little priming from the snowpack.

Report Prepared by

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THE CONSERVATION OF WATER BEGINS WITH THE SNOW SURVEY

USDA-SCS-LINCOLN, NEBR. 1960

5,L-16,521.1

TOWNSEND
MEAGHER S. C. D.
MEAGHER
BROADWATER CO. S. C. D.
RINGLING
TOSTON
BROADWATER
0545
JEFFERSON
JEFFERSON
0525
GALLATIN
PARK S. C. D.
PARK
THREE FORKS
MANHATTAN
SAPPINGTON
0345
THREE RIVERS S. C. D.
BELGRADE
0480
BOZEMAN
11D2M
10D1
NORRIS
0500
0495
0410
0435
10D3
0405
ENNIS LAKE
GALLATIN VALLEY KARSTS KAMP S. C. D.
10D4
ENNIS
VIRGINIA CITY
MADISON
MADISON CAMERON S. C. D.
MADISON
RUBY VALLEY S. C. D.
WYOMING
11E5
11E6
0385
0380
HEBGEN LAKE
11E7
WEST YELLOWSTONE
10E2
BEAVERHEAD
BEAVERHEAD S. C. D.
11E8
0375
11E9
SCALE 10 0 10 20 MILES
MONTANA
IX
N
LEGEND
13E2 SNOW SURVEY COURSE
12D2M SOIL MOISTURE STATION
13B3A AERIAL MARKER AT SNOW COURSE
0125 STREAM GAGING STATION
DRAINAGE
S. C. D. BOUNDARY
WATERSHED BOUNDARY
HIGHWAY
TOWN
COUNTY BOUNDARY
STATE BOUNDARY

WATER SUPPLY FORECASTS

WATERSHED IX

AS OF MARCH 1, 1962

(1000 Acre Feet)

NO.	RIVER AND FORECAST POINT	FORECAST PERIOD	FORECAST THIS YEAR	PERCENT AVERAGE	MEASURED FLOW LAST YEAR*	MEASURED FLOW AVERAGE
	MADISON RIVER					
0375	West Yellowstone (at)	Apr-Sept	231	108	168	216
		Apr-July	176	107	123	165
0385	Grayling (near)(2)	Apr-Sept	487	109	329	448
		Apr-July	395	110	241	357
0410	McAllister (near)(3)	Apr-Sept	807	105	512	756
		Apr-July	665	108	384	613
	GALLATIN RIVER					
0435	Gateway (near)	Apr-Sept	563	123	331	459
		Apr-July	490	124	267	395
	EAST GALLATIN RIVER					
0480	Bozeman (at)	Apr-Sept	55.7	120	20.9	46.4
		Apr-July	49.2	121	16.7	40.7
	HYALITE CREEK					
0500	Ranger Station (at)(4)	Apr-Sept	42.7	118	24.2	36.1
		Apr-July	36.9	119	20.6	31.0
	GALLATIN RIVER					
0525	Logan (at)	Apr-Sept	618	126	230	492
		Apr-July	532	126	164	422

(2) Corrected for storage in Hebgen Lake.
(3) Corrected for storage in Hebgen and Ennis Lakes.
(4) Corrected for storage in Middle Creek Reservoir.

*PROVISIONAL DATA FURNISHED BY U. S. GEOLOGICAL SURVEY

RESERVOIR STORAGE DATA

AS OF FEBRUARY 28, 1962

(1000 Acre Feet)

NO.	RESERVOIR	USABLE CAPACITY	THIS YEAR	LAST YEAR	AVERAGE
0380	Hebgen Lake	345.0	109.6	133.7	213.9
0405	Ennis Lake	41.0	38.8	39.0	35.9
0500	Middle Creek	8.0	2.5	-	3.8**

NOTE: ALL AVERAGES BASED ON 1943-1957 (15 YEAR PERIOD)

SNOW SURVEY DATA

AS OF MARCH 1, 1962

(Inches)

SNOW COURSE			CURRENT DATA			PAST RECORD	
						WATER CONTENT	
NO.	NAME	ELEVATION	DATE OF SURVEY	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE
11E9	Big Springs	6500	2/27	68	22.8	16.5	20.4
10D4	Devil's Slide	8100	2/24	71	21.8	14.4	16.3
11E5	Hebgen	6550	2/26	44	12.1	8.1	11.2
10D3	Hood Meadow	6600	2/24	36	9.4	6.2	7.2
11E10	Island Park	6315	2/27	57	17.6	12.5	15.8
11D5	Jack Creek	7600	3/3	37	7.0	1.1	-
10D1	New World	6700	2/24	36	9.0	6.6	8.3
10E2	Norris Basin	7500	2/28	39	9.9	7.5	9.3*
11D3	North Meadow	7500	3/3	37	9.6	4.8	-
10D10	Sacajawea	6500	2/24	44	11.2	7.6	-
11E6	Twenty-One Mile	7150	2/26	62	19.0	12.3	16.0
11E8	Valley View	6500	2/26	54	15.8	7.5	13.4*
11E7	West Yellowstone	6700	2/26	50	15.0	7.5	11.3

NOTE: ALL AVERAGES BASED ON 1943-1957 (15 YEAR PERIOD). *ADJUSTED AVERAGE

WATER SUPPLY OUTLOOK

JUDITH, & MUSSELSHELL RIVER BASINS

MONTANA

AS OF:

MARCH 1, 1962

U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE

The water supply outlook for the coming irrigation season in the Judith and Musselshell River drainage is GOOD.

Snow surveys made near the first of March show the water stored in the snowpack is twice as much as last year and 10 percent more than the 1943-57 average.

Streamflow for the spring and summer months is expected to be near average and much more than last year.

Reservoir storage is below average but should improve as spring runoff progresses.

Report Prepared by

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SOIL CONSERVATION SERVICE
BOX 855 BOZEMAN, MONTANA

THE CONSERVATION OF WATER BEGINS WITH THE SNOW SURVEY

USDA-SCS-LINCOLN NEBR 1960

5,L-16,516.1

USDA-SCS-LINCOLN, NEBR. 1960

WATER SUPPLY FORECASTS

AS OF MARCH 1, 1962

(1000 Acre Feet)

NO.	RIVER AND FORECAST POINT	FORECAST PERIOD	FORECAST THIS YEAR	PERCENT AVERAGE	MEASURED FLOW LAST YEAR*	MEASURED FLOW AVERAGE
	MUSSELSHELL RIVER					
	South Fork					
1185	Martinsdale (above)	Apr-Sept	56.7	106		53.6
		Apr-July	54.6	106		51.4
1205	Harlowton (at)(9)	Apr-Sept	86.3	104		83.0
		Apr-July	85.2	104		82.0
	MISSOURI RIVER					
1095	Virgelle (at)(6)	Apr-Sept	4420	101		4393
		Apr-July	3833	101		3803
1150	Zortman (near)(6)	Apr-Sept	4850	101		4806
		Apr-July	4193	101		4143

(6) Corrected for storage in Canyon Ferry and Tiber Reservoirs.
(9) Corrected for storage in Durand and Martinsdale Reservoirs.

*PROVISIONAL DATA FURNISHED BY U. S. GEOLOGICAL SURVEY

RESERVOIR STORAGE DATA

AS OF FEBRUARY 28, 1962

(1000 Acre Feet)

NO.	RESERVOIR	USABLE CAPACITY	THIS YEAR	LAST YEAR	AVERAGE
1105	Ackley	5.8	N.R.	4.1	4.2
1165	Durand	7.0	1.4	4.0	4.9
1190	Martinsdale	23.1	1.5	4.0	9.8

NOTE: ALL AVERAGES BASED ON 1943-1957 (15 YEAR PERIOD)

SNOW SURVEY DATA

AS OF MARCH 1, 1962

(Inches)

SNOW COURSE			CURRENT DATA			PAST RECORD	
NO.	NAME	ELEVATION	DATE OF SURVEY	SNOW DEPTH	WATER CONTENT	WATER CONTENT	
						LAST YEAR	AVERAGE
10C5	Bald Ridge	7500	2/27	41	9.9	7.6	-
9C1	Crystal Lake	6100	3/1	44	12.1	7.0	9.9
10C2	Grasshopper	7000	2/28	25	5.5	0.8	4.3
10C1	Kings Hill	7950	2/26	41	10.1	6.2	11.5
10C3	Porcupine	6500	2/27	32	8.0	4.2	5.9
9A1	Rocky Boy	5200	3/1	16	4.4	1.2	4.8

NOTE: ALL AVERAGES BASED ON 1943-1957 (15 YEAR PERIOD). *ADJUSTED AVERAGE

WATER SUPPLY OUTLOOK

UPPER YELLOWSTONE RIVER BASIN

MONTANA

AS OF:

MARCH 1, 1962

U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE

The water supply outlook for the coming irrigation season in the Upper Yellowstone River basin is Good to Excellent.

Snow surveys made near the first of March show the water stored in the mountain snowpack is 75 percent more than last year and 25 percent above average.

Streamflow during the spring and summer months is expected to be 5 to 15 percent above average on all streams tributary to the Yellowstone River. Streams should produce 50 to 100 percent more water than last year.

Generally, soils under the snowpack are wet and should require very little priming.

Report Prepared by

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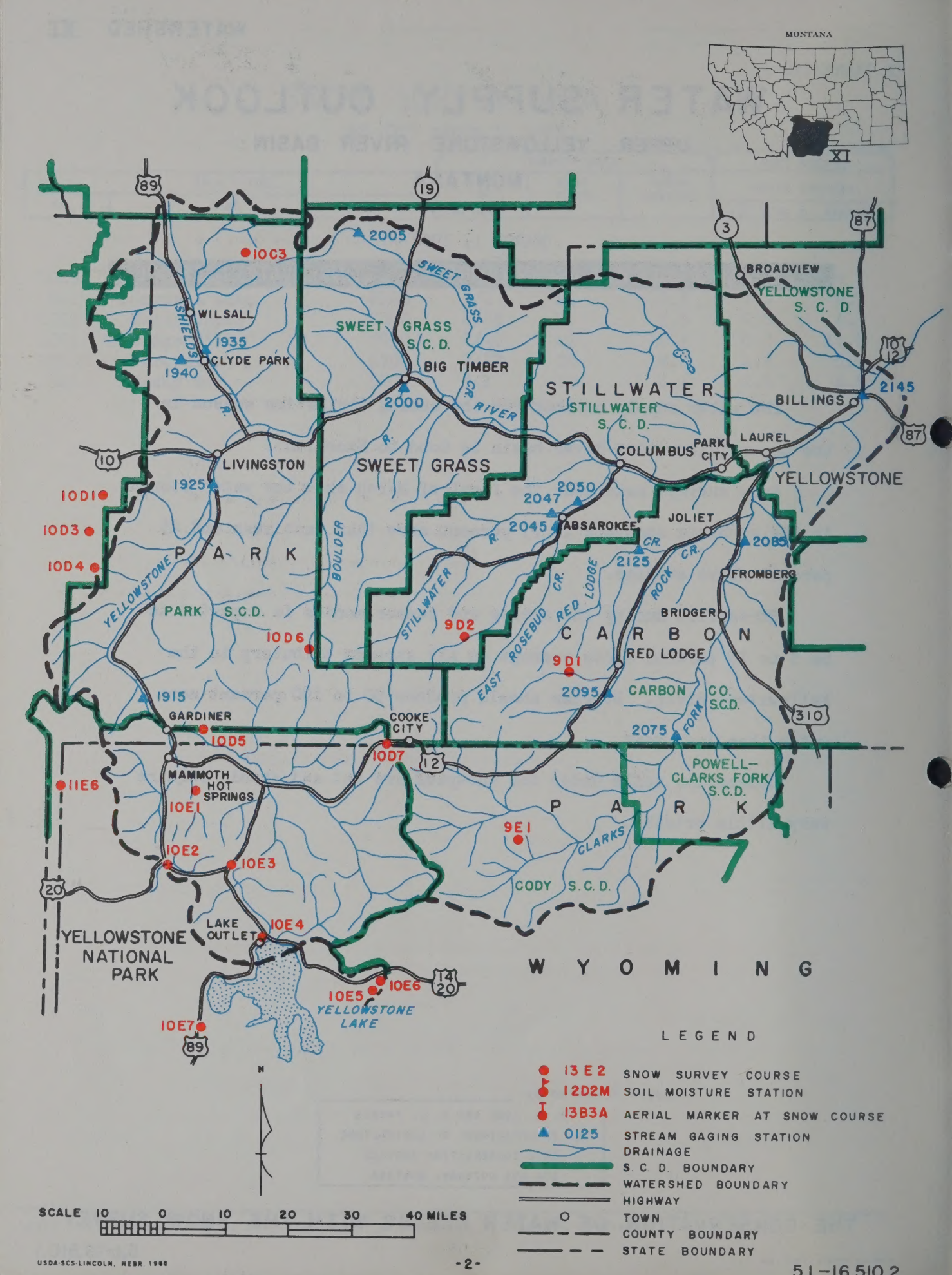
THE CONSERVATION OF WATER BEGINS WITH THE SNOW SURVEY

USDA SCS LINCOLN NEBR 1960

5,L-16,510.1



USDA-SCS-LINCOLN, NEBR. 1980

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WATER SUPPLY FORECASTS

WATERSHED XI

AS OF MARCH 1, 1962

(1000 Acre Feet)

NO.	RIVER AND FORECAST POINT	FORECAST PERIOD	FORECAST THIS YEAR	PERCENT AVERAGE	MEASURED FLOW LAST YEAR*	MEASURED FLOW AVERAGE
	YELLOWSTONE RIVER					
1915	Corwin Springs (at)	Apr-Sept	2247	114	1358	1980
		Apr-July	1866	113	1129	1649
1925	Livingston (near)	Apr-Sept	2540	113		2252
		Apr-July	2091	112		1863
2145	Billings (at)	Apr-Sept	4680	110		4261
		Apr-July	4018	110		3657
3090	Miles City (at)(12)	Apr-Sept	7054	105		6721
		Apr-July	6176	105		5883
3295	Sidney (near)(12)	Apr-Sept	7210	104		6921
		Apr-July	6378	104		6137
	SHIELDS RIVER					
1935	Clyde Park (at)	Apr-Sept	128	115		111
		Apr-July	118	115		103
	ROSEBUD CREEK					
2045	Absarokee (near)(11)	Apr-Sept	298	112		267
		Apr-July	242	112		216
	STILLWATER RIVER					
2050	Absarokee (near)(11)	Apr-Sept	698	112		620
		Apr-July	587	112		523
	CLARKS FORK RIVER					
2075	Chance (at)	Apr-Sept	637	103		617
		Apr-July	577	104		552
2085	Edgar (at)	Apr-Sept	668	102		652
		Apr-July	592	103		575
	ROCK CREEK					
2095	Red Lodge (near)	Apr-Sept	129	115	77.6	112
		Apr-July	100	116	58.0	86.3

(11) Corrected for storage in Mystic Lake.
(12) Corrected for storage in Buffalo Bill and Boysen Reservoirs.

*PROVISIONAL DATA FURNISHED BY U. S. GEOLOGICAL SURVEY

RESERVOIR STORAGE DATA

AS OF FEBRUARY 28, 1962

(1000 Acre Feet)

NO.	RESERVOIR	USABLE CAPACITY	THIS YEAR	LAST YEAR	AVERAGE
2120	Cooney Reservoir	27.5	15.1	-	9.1
2040	Mystic Lake	20.8	7.4	8.0	8.6

NOTE: ALL AVERAGES BASED ON 1943-1957 (15 YEAR PERIOD)

SNOW SURVEY DATA

AS OF MARCH 1, 1962

(Inches)

SNOW COURSE			CURRENT DATA			PAST RECORD	
NO.	NAME	ELEVATION	DATE OF SURVEY	SNOW DEPTH	WATER CONTENT	WATER CONTENT	
						LAST YEAR	AVERAGE
10C5	Bald Ridge	7500	2/27	41	9.9	7.6	-
9D1	Camp Senia	7890	3/2	31	7.9	2.3	5.5*
10E3	Canyon	7500	2/28	57	16.3	10.1	13.8*
10D7	Cooke City	7400	2/27	35	8.1	5.5	7.8
10D5	Crevice Mountain	8400	2/28	40	8.9	4.8	8.2
10D4	Devil's Slide	8100	2/24	71	21.8	14.4	16.3
10E6	East Entrance	7000	2/27	35	8.9	7.5	10.8*
9D3	Gertrude Lake	9250	3/2	56	14.8	-	-
9D5	Grizzly Peak	8400	3/1	69	22.2	-	-
10D3	Hood Meadow	6600	2/24	36	9.4	6.2	7.2
10D6	Independence	8000	2/26	59	18.4	-	13.7*
10E4	Lake Camp	7850	2/28	47	11.2	6.8	10.1*
9E1	Lodgepole	8200	2/27	42	9.7	5.8	10.6*
10E1	Lupine Creek	7300	2/28	44	12.4	7.5	9.4*
10D12	Monument Peak	9000	2/26	77	25.6	-	-
10D1	New World	6700	2/24	36	9.0	6.6	8.3*
10E2	Norris Basin	7500	2/28	39	9.9	7.5	9.3*
10C3	Porcupine	6500	2/27	32	8.0	4.2	5.9
10D10	Sacajawea	6550	2/21	44	11.2	7.6	-
10E5	Sylvan Pass	7100	2/27	44	10.5	9.5	13.4*
10E7	Thumb Divide	7900	2/28	76	24.5	13.5	21.4*
9D4	Timberline Creek	8850	3/2	62	18.0	-	-
9D2	West Rosebud	7500	3/2	36	10.4	0.0	-

NOTE: ALL AVERAGES BASED ON 1943-1957 (15 YEAR PERIOD). *ADJUSTED AVERAGE